

IN THE CLAIMS:

1. (Original) An information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms that is communicably connected with multiple controlling systems that promote the growth or health of living organisms by controlling at least the light irradiated on the living organisms by a light irradiating means, comprising:

an environmental data receiving part that receives relevant environmental data as being data concerning an environment of the living organism including the light irradiated on the living organism from one of said controlling systems;

an environmental data administrating part that administers the environmental data received by the environmental data receiving part;

an environmental data delivering part that obtains the environmental data administered by the environmental data administrating part and delivers the environmental data to another controlling system; and

a royalty data producing part that produces royalty data concerning royalties in relationship to a controlling system identifier that identifies the one controlling system when the environmental data is received or delivered.

2. (Original) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to Claim 1 further comprising:

a state data receiving part that receives state data as being data concerning the state of the culture or cure of living organisms;

a state data administrating part that administers the state data received by the state data receiving part; and

a state data delivering part that delivers a part or all of the state data administered by the state data administrating part to another controlling system.

3. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~either Claim 1 or 2~~ further comprising:

a payment data obtaining part that obtains payment data concerning payment or a guarantee of payment in compensation for the environmental data delivered in accordance with a controlling system identifier that identifies another controlling system requesting the environmental data, wherein

the environmental data delivering part obtains the environmental data from the environmental data administrating part and delivers the environmental data to the other controlling system identified by the controlling system identifier provided that the payment data obtaining part has obtained the payment data; and

the royalty data producing part produces the royalty data in relationship to the controlling system identifier of the one controlling system provided that the payment data obtaining part has obtained the payment data.

4. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 3~~ wherein the royalty data producing part produces the

royalty data in accordance with the specific environmental datum or data delivered by the environmental data delivering part.

5. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 4~~ wherein the royalty data producing part produces the royalty data in accordance with the amount of environmental data used.

6. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 5~~ further comprising:

an assessment data obtaining part that obtains assessment data showing assessment of uniqueness or effectiveness of the environmental data administered by the environmental data administering part, wherein

the environmental data delivering part delivers the environmental data provided that the contents of the assessment data obtained by the assessment data obtaining part meets a predetermined requirement.

7. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 5~~ further comprising

an assessment data obtaining part that obtains the assessment data showing the assessment of the effectiveness of the environmental data administered by the environmental data administrating part, wherein

the royalty data producing part produces the royalty data based on the content of the assessment data obtained by the assessment data obtaining part.

8. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 7~~ wherein

the environmental data delivering part delivers source information indicating the one controlling system as being the source of the environmental data, with this information being attached to the environmental data delivered to the other controlling system only if the content of the information concerning the permission to disclose the source, which is received from the one controlling system, is “can be disclosed”.

9. (Original) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to Claim 2 wherein the state data includes image data obtained by imaging the relevant living organism.

10. (Original) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to Claim 9

wherein the state data delivering part delivers the image data included in the state data in the form of sequential images.

11. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 10~~ further comprising:

a fundamental environmental data storing part that stores a fundamental environmental datum or data in advance; and

a fundamental environmental data delivering part that delivers this data.

12. (Currently Amended) The information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 11~~ wherein the living organism is a plant.

13. (Currently Amended) A controlling system that controls ~~data pertaining to~~ conditions that promote the growth or health of living organisms that is communicably connected with the information processing system according to ~~any one of Claim[[s]] 1 through 12~~ comprising:

an environmental data receiving part that receives an input of environmental data concerning the environment of the living organism ~~excluding~~ including data concerning the light being irradiated on the living organism;

a control means controlling part that controls one or multiple environment control means that control the environment of the living organism, based on received environmental data; and

an environmental data transmitting part that transmits the environmental data to the information processing system.

14. (Currently Amended) A controlling system that controls ~~data pertaining to~~ conditions that promote the growth or health of living organisms, that is communicably connected with the information processing system according to ~~any one of Claim~~[[s]] 1 ~~through 12~~ comprising:

a request signal transmitting part that transmits a request signal to the information processing system requesting delivery of environmental data that is specified by an environmental data identifier;

an environmental data receiving part that receives the environmental data delivered by the information processing system; and

a control means controlling part that controls one or multiple environment control means to control the environment of the living organism, based on the environmental data.

15. (Currently Amended) The controlling system that controls ~~data pertaining to~~ conditions that promote the growth or health of living organisms according to ~~either Claim 13 or Claim 14~~ further comprising:

a measured environmental data receiving part that receives measured environmental data indicating measured values of the environment of the living organism from the environment measuring means that measures the relevant environment.

16. (Currently Amended) The ~~information processing system for collecting data pertaining to~~ controlling system that controls conditions that promote the growth or health of living organisms according to ~~any one of Claims 13 through 15~~ Claim 13 further comprising:

a state data receiving part that receives state data as being data concerning the growth or health of the living organism from a living organism state measuring means that measures the state of growth or health of living organisms; and

a state data transmitting part that transmits the state data received by the state data receiving part to the information processing system.

17. (Currently Amended) The ~~information processing system for collecting data pertaining to~~ controlling system that controls conditions that promote the growth or health of living organisms according to Claim 16 wherein the living organism state measuring means comprises an imaging means that images a part or all of the living organism.

18. (Currently Amended) The controlling system that controls conditions that promote the growth or health of living organisms according to ~~any one of Claims 13~~

~~through 17~~ Claim 13 wherein the environmental data delivered by the information processing system is so arranged as to be incapable of being copied externally.

19. (Currently Amended) The controlling system that controls conditions that promote the growth or health of living organisms according to ~~any one of Claims 13 through 18~~ Claim 13 wherein

the environment controlling means consists of at least a light irradiating means, and the light irradiating means comprises an arrangement multiple LEDs of at least one red LED, blue LED, green LED, white LED, infrared LED, and ultraviolet LED or any combination thereof.

20. (Currently Amended) The controlling system that controls conditions that promote the growth or health of living organisms according to ~~any one of Claims 13 through 19~~ Claim 13 wherein

the environment control means comprises one or multiple LEDs, and a transparent solid pyramidal body arranged in front of the LEDs, and produces a curing effect such as promoting a hypnagogic state, mitigating pain or stiffness, or healing in subjects bathed in the light irradiated externally from the LEDs through the pyramidal body.

21. (Original) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 20 wherein the environment control means comprises a cylindrical casing that accommodates the LEDs and the

pyramidal body, and is so arranged that the light is irradiated from a front end face of the casing and the front end face can be covered with a soft transparent or translucent cap.

22. (Currently Amended) The controlling system that controls conditions that promote the growth or health of living organisms according to ~~any one of Claims 13 through 21~~ Claim 13 wherein the environmental data transmitting part transmits information concerning the permission to disclose the source information, that indicates which controlling system the environmental data is delivered from, in order to judge whether or not the source information is to be attached when the environmental data is delivered from the information processing system to the other controlling system.

23. (Original) A method for collecting data pertaining to conditions that promote the growth or health of living organisms that makes use of multiple controlling systems that promote growth or health of the living organism by controlling at the least the light irradiated on the living organism by a light irradiating means and an information processing system connected communicably with the controlling systems, wherein

the environmental data produced by one of the controlling systems concerning the beneficial environmental parameters including the light irradiated on the living organism are administered by the information processing system so that the environmental data from the one controlling system can be delivered from the information processing system to any of the other controlling systems; and

royalty data concerning royalties is produced in relationship to a controlling system identifier that uniquely identifies the one controlling system provided that the environmental data are delivered.

24. (Currently Amended) A program for collecting data pertaining to conditions that promote the growth or health of living organisms, wherein the controlling system communicably connected with the information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 12~~ comprises functions of:

an environmental data receiving part that receives an input of an environmental data as being data concerning environment of the living organism including data of light irradiated on the living organism;

a control means controlling part that controls one or multiple environment control means to control the environment of the living organism base on the environmental data; and

an environmental data transmitting part that transmits the environmental data to the information processing system.

25. (Currently Amended) A program for collecting data pertaining to conditions that promote the growth or health of living organisms, wherein the controlling system communicably connected with the information processing system for collecting data pertaining to conditions that promote the growth or health of living organisms according to ~~any one of Claim[[s]] 1 through 12~~ comprises functions of:

an environmental data receiving part that receives the environmental data; and

a control means controlling part that controls one or multiple environment control means controlling environment of the living organism based on the environment controlling data.

26. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 14 further comprising:

a measured environmental data receiving part that receives measured environmental data indicating measured values of the environment of the living organism from the environment measuring means that measures the relevant environment.

27. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 14 further comprising:

a state data receiving part that receives state data as being data concerning the growth or health of the living organism from a living organism state measuring means that measures the state of growth or health of living organisms; and

a state data transmitting part that transmits the state data received by the state data receiving part to the information processing system.

28. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 27 wherein the living organism state measuring means comprises an imaging means that images a part or all of the living organism.

29. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 14 wherein the environmental data delivered by the information processing system is so arranged as to be incapable of being copied externally.

30. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 14 wherein

the environment controlling means consists of at least a light irradiating means, and the light irradiating means comprises an arrangement multiple LEDs of at least one red LED, blue LED, green LED, white LED, infrared LED, and ultraviolet LED or any combination thereof.

31. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 14 wherein

the environment control means comprises one or multiple LEDs, and a transparent solid pyramidal body arranged in front of the LEDs, and produces a curing effect such as promoting a hypnagogic state, mitigating pain or stiffness, or healing in subjects bathed in the light irradiated externally from the LEDs through the pyramidal body.

32. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 31 wherein the environment control means comprises a cylindrical casing that accommodates the LEDs and the pyramidal body, and

is so arranged that the light is irradiated from a front end face of the casing and the front end face can be covered with a soft transparent or translucent cap.

33. (New) The controlling system that controls conditions that promote the growth or health of living organisms according to Claim 14 wherein the environmental data transmitting part transmits information concerning the permission to disclose the source information, that indicates which controlling system the environmental data is delivered from, in order to judge whether or not the source information is to be attached when the environmental data is delivered from the information processing system to the other controlling system.